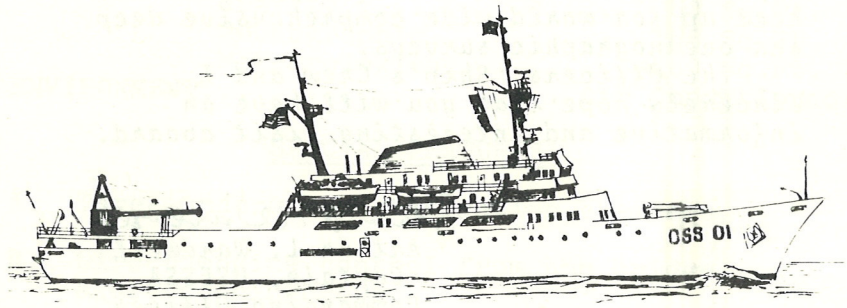
WELCOME ABOARD

U.S. COAST & GEODETIC SURVEY SHIP

OCEANOGRAPHER



UNITED STATES OF AMERICA

DEPARTMENT OF COMMERCE

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

A Message From The CAPTAIN

I would like to personally welcome you aboard the USC&GSS OCEANOGRAPHER, America's newest and most modern oceanographic vessel. It carries forward the name of an earlier Coast & Geodetic Survey vessel which had a distinguished career engaged in hydrographic surveys along the Atlantic and Gulf Coasts.

The ship you are about to visit is especially designed and equipped from the keel up for world-wide comprehensive deep sea oceanographic surveys.

The Officers, Ship's Crew and I sincerely hope that you will have an informative and interesting visit aboard.

Arthur L. Wardwell
Captain, USESSA
Commanding Officer

--BUILT BY--

Aerojet-General Shipyard
Jacksonville, Florida
April, 1966

THE SHIP

LENGTH, overall		303'0"
BEAM, molded		52'0"
DRAFT, full load		19'0"
DISPLACEMENT, full load		3805 L.T.
SPEED, service		16 Knots
ENDURANCE (provisions)		150 Days
RANGE (maximum)		16,000 n.mi.
ACCOMODATIONS (single & two berth)		113
COMPLEMENT	Officers & Scientist	24
	Scientific Technicians	34
	Crew	39
PROPULSION	Automated Diesel Electric with 2500 SHP on each shaft.	
LABORATORY SPACES		
	Oceanographic	3400 Sq.Ft.
	Gravity	80 Sq.Ft.
	Photographic	165 Sq.Ft.
	Meteorological	160 Sq.Ft.
ENVIRONMENT		Air Conditioned

SPECIAL FEATURES

A. Three underwater observation chambers.

B. Direct engine control from the bridge and aloft conning tower.

C. Seven oceanographic winches with deep-sea capacity of 45,000 feet.

D. Decca relative/true motion radar system and automatic plotter (ARP-50).

E. Center Well extending vertically through the ship.

F. An oceanographic, navigational, meteorological data acquisition system (DAS) and central engineroom control (CERC) which time share the Westinghouse PRODAC 510 System. The PRODAC 510 System consists of a UNIVAC 1218 computer and associated Input-Output componets.